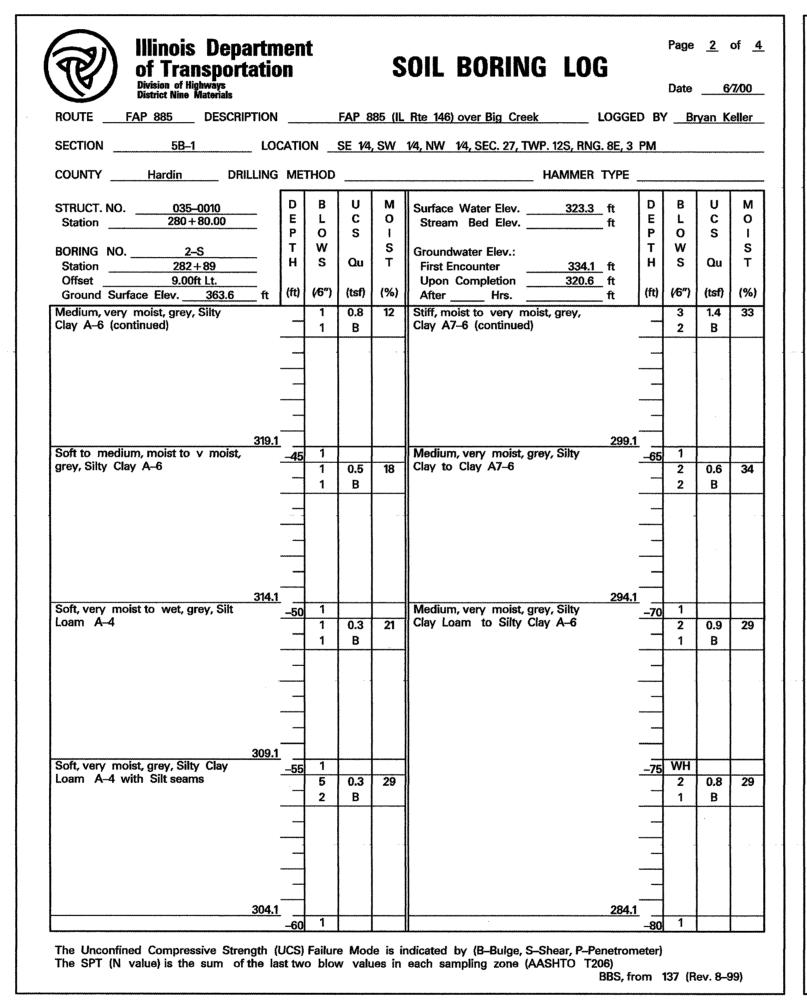
## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY		CTION COUNTY TOTAL SHEET NO.		SHEET NO.	SHEET NO. 24
FAP 885	5B-1	HAR	PDIN		50	34 SHEETS	
FED. ROAD DIST	. NO. 7	ILLINOIS	FED. AID PRO	98648			

Illinois Depart	tmen	t		_	OU DODING LOO		Page	1	of
of Transportat  Division of Highways District Nine Materials	tion			5	OIL BORING LOG		Date	6	/7/00
ROUTE FAP 885 DESCRIPTION			FAP 8	85 (IL	Rte 146) over Big Creek L0	OGGED I	BYB	ryan K	Celle
SECTION5B-1	LOCATION	ON _	SE 1/4	, SW	1/4, NW 1/4, SEC. 27, TWP. 12S, RNG.	8E, 3 PM			
COUNTY Hardin DRILLII	NG ME	THOD			HAMMER T	YPE			
STRUCT. NO. 035-0010 Station 280+80.00	D E P	B L O	U C S	M 0 1	Surface Water Elev. 323.3 Stream Bed Elev.		L	U C S	N
BORING NO. 2–S Station 282+89 Offset 9.00ft Lt.		w		s	Groundwater Elev.: First Encounter 334.1 Upon Completion 320.6	Т	W		5
Ground Surface Elev. 363.6	ft (ft)	(/6")	(tsf)	(%)	After Hrs	ft (ft	(/6")	(tsf)	(9
Bituminous Pavement over Concrete	2.1				Stiff to very stiff, moist, brown mottled grey, Clay A7–6 (continued)		3 4	1.8 S	2
Stiff, moist, brown, Silty Clay A-6	-	1				***************************************	2		├-
		2 2	1.7 S	19			3 4	1.3 S	2
	9.1						1		
Medium, moist, brown, Silty Clay A–6	5	2	0.8 B	21		<u>-2</u>	5 2 2 1	1.2 B	2
ar.						-			
Medium, very moist, brown	6.6	1					1		
mottled grey, Silty Clay A-6		2 2	0.6 B	25			3	1.8 B	2
	10				Very stiff, moist, brown, Clay A7-6	334.1 3			
		1	0.9 B	26		Allender	3	2.1 B	3
	1.6	1			Soft, very moist to wet, brown	331.6	1		L
Soft to medium, very moist, brown mottled grey, Clay to Silty Clay A7–6		1 2	0.5 B	23	mottled grey, Silty Clay A-6		3	0.4 B	2
. 34	9.1					329.1	-		
Medium to stiff, moist, brown mottled grey, Clay A7-6	15		1		Stiff, moist, brown mottled grey, Clay A7-6	_3		1.0	
motiled grey, clay A7-6		1	1.0 S	28	Clay A7-6		1	1.9 B	1
Stiff to your stiff majet brown	6.6					326.6	1	<u> </u>	<u> </u>
Stiff to very stiff, moist, brown mottled grey, Clay A7-6		2 3	2.0 S	23	Stiff, moist, grey, Silty Clay Loam A-4		2 2 2	1.4 S	1
						324.1			
	20	2				-4	0 1		



ROUTE   FAP 885   DESCRIPTION   FAP 885 (IL Rto 146) over Big Creek   LOGGED BY   Bryan Keller	Illinois Departi of Transportati Division of Highways District Nine Materials	nent on		SOIL BORING LOG  Page 3 of 4  Date 67/00
STRUCT. NO.   035-0010   Station   280+90.00   Straion   282+89   O S   T   W   S   S   T   W   S   S   T   T   W   S   S   T   T   T   T   T   T   T   T			FAP 885	
STRUCT. NO.   035-0010   Station   280+89.00   Straton   282+89   O S I T W S STRUCT	SECTION 5B-1 L(	CATION	SE 1/4, S	V 1/4, NW 1/4, SEC. 27, TWP. 12S, RNG. 8E, 3 PM
Station     280+80.00				
Medium, very moist, grey, Silty  -90 1 -2 0.8 26 -2 8  -3 0.8 26 -3 8  -4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Station         280 + 80.00           BORING NO.         2-S           Station         282 + 89           Offset         9.00ft Lt.           Ground Surface Elev.         363.6         ft           Medium, very moist, grey, Silt	E L P O T W H S (ft) (/6")	C S Qu (tsf) (5	Stream Bed Elev.   Stream Bed Elev.   Ft
Medium, very moist, grey, Silty Clay Loam A-4    2				
Soft, wet, grey, Silt Loam A-4100 WH120 WH	Medium, very moist, grey, Silty Clay Loam A-4	90	1 1	Medium, very moist, grey, Silt Loam A-4 with Clay seams  —110 WH — WH 0.9 30 — 1 S — ———————————————————————————————

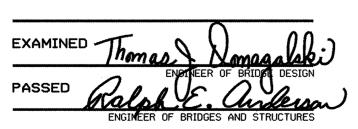
Illinois Department of Transportation  Division of Highways District Nine Materials	SOIL BORING L	Page <u>4</u> of
ROUTE FAP 885 DESCRIPTION	FAP 885 (IL Rte 146) over Big Creek	LOGGED BY Bryan Keller
SECTION5B-1 LOCATION _	SE 1/4, SW 1/4, NW 1/4, SEC. 27, TWP. 12S,	RNG. 8E, 3 PM
COUNTY Hardin DRILLING METHOD	HAMM	MER TYPE
STRUCT. NO. <u>035-0010</u> Station <u>280+80.00</u> BORING NO. <u>2-S</u> Station <u>282+89</u> Offset <u>9.00ft Lt.</u> Ground Surface Elev. <u>363.6</u> ft (ft) (6")  Stiff, moist, grey, Clay A7-6 with Silt seams (continued)	U M C O Stream Bed Elev. Stream Bed Elev. Groundwater Elev.: S T Groundwater Elev.: First Encounter 3 Upon Completion 3: After Hrs.  1.4 31 Very dense, dry, grey, Limestor Golden Grown 139.5 to 144.5 from 144.	ft   E   L   C   O   S   I   T   W   S   S   S   S   S   S   S   S   S
Stiff, very moist, grey streaked brown, Silty Clay to Clay A7–6  Stiff and Gravel  234.1  -130 WH  -130 WH  -135  -135  -135  -135  -135  -135  -135  -130 WH  -130 WH	Bottom of hole = 149.5 fee Free water observed at 29.5 Elevation referenced to plans To convert "N" values to "Ne multiply by 1.25	feet —

DESIGNED T.L.K.

CHECKED

DRAWN BECKY M. CURRY

CHECKED



BORING LOGS

F.A.P. ROUTE 885 - SECTION 5B-1

HARDIN COUNTY

STATION 280+80.00

STRUCTURE NO. 035-0014